

IN THE CLAIMS:

1. (Currently Amended) A laser welding device for welding one or more components, the device comprising:

one or more said laser welding heads;

one or more moving means for said components for a relative movement of said components in relation to said laser welding head during welding, said laser welding heads including a remote laser arranged at a spaced location from said component, said moving means having a plurality of axis and being guided and moved along a predetermined, programmed and multiple axis movement path during welding.

2. (Canceled)

3. (Previously Presented) A laser welding device in accordance with claim 1, wherein said moving means comprises a multiaxial robot.

4. (Previously Presented) A laser welding device in accordance with claim 1, wherein said laser welding head is arranged stationarily.

5. (Currently Amended) A laser welding device in accordance with claim 1, wherein said laser welding head is arranged nonstationarily by means of a moving unit for moving the laser beam about at least one axis.

6. (Previously Presented) A laser welding device in accordance with claim 1, wherein said laser welding head has one or more scanner heads for the controllable deflection of said laser beam.

7. (Previously Presented) A laser welding device in accordance with claim 1, wherein said moving means for said components is controlled according to the focal distance.

8. (Previously Presented) A laser welding device in accordance with claim 1, wherein said laser welding head has a focal distance of approx. 200 mm to 400 mm.

9. (Previously Presented) A laser welding device in accordance with claim 1, wherein a plurality of said laser welding heads are connected to a said common external laser beam source by means of a said controllable beam switch and said laser beam guides.

10. (Currently Amended) A process for the laser welding of one or more ~~said~~ components by means of one or more ~~said~~ laser welding heads, the process comprising the steps of:

5 guiding the components ~~and~~ during welding using one or more moving means for a multiaxial relative movement of the components in relation to said laser welding head, and

providing the one or more welding heads with a remote laser arranged at a spaced location from the component wherein the components are guided and moved of during welding

by a multi-axis movement device along a predetermined, programed and multiple axis movement path.

11. (Previously Presented) A process for laser welding in accordance with claim 10, wherein said components are moved by one or more said multiaxial robots.

12. (Currently Amended) A laser welding device for welding components, the device comprising:

a laser welding head[[s]];

a moving means for providing a relative movement of each of said components a component in relation to one or more of said laser welding head during welding, said moving means being a multiaxial movement device and a control for guided movement of the component along a predetermined, programed and multiple axis movement path for programed orientation and positioning of the component relative to said welding head during welding; and

10 a laser beam source and laser beam transmission element, said laser beam source being at a remote location from said welding head and arranged at a spaced location from said component, said laser beam transmission element transmitting the laser beam to the welding head.

13. (Canceled)

14. (Previously Presented) A laser welding device in accordance with claim 12, wherein said moving means comprises a multiaxial robot.

15. (Previously Presented) A laser welding device in accordance with claim 12, wherein said laser welding head is arranged stationarily.

16. (Previously Presented) A laser welding device in accordance with claim 12, wherein said laser welding head is arranged nonstationarily by means of a moving unit.

17. (Previously Presented) A laser welding device in accordance with claim 12, wherein said laser welding head has one or more scanner heads for the controllable deflection of said laser beam.

18. (Previously Presented) A laser welding device in accordance with claim 12, wherein said moving means for said components is controlled according to the focal distance of the welding head.

19. (Previously Presented) A laser welding device in accordance with claim 12, wherein said laser welding head has a focal distance of approx. 200 mm to 400 mm.

20. (Currently Amended) A laser welding device in accordance with claim 19, wherein

said laser beam transmission element is a plurality of said laser welding heads are connected to said laser beam source as a common external laser beam source by a controllable beam switch and via laser beam guides.

21. (New) A laser welding device in accordance with claim 3, wherein said multiaxial robot has a gripper for gripping the component.

22. (New) A laser welding device in accordance with claim 14, wherein said multiaxial robot has a gripper for gripping the component.